

GW 2

File No. 246153

DUPLICATE

County STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

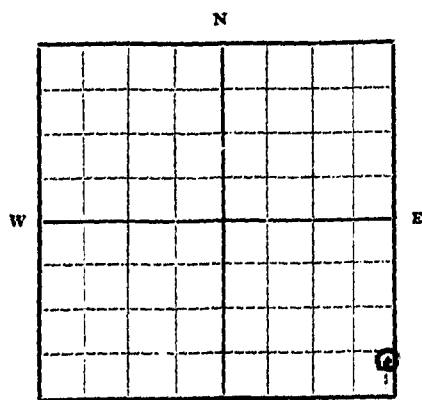
Owner Harold Miller Address Harlem Mont.Driller Billmeyer & Sons Address Hogeland, "

Date of Notice of Appropriation of Groundwater

Date well started 5-7-62 Date Completed 5-9-62Type of well Drilled Equipment Used Spudder
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" O.D. 17 lb.	0'	40'		open and	



SE 1/4 Sec. 36 T. 33 R. 21

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 9 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 20 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailed Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

No. 5
Driller's License Number
Ralph E. Wham
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

a 86

FILED IN THE
CLERK'S OFFICE
I HEREBY CERTIFY THIS 39 DAY
OF JUNE A. D. 1922
AT 11.45 O'CLOCK A. M.
J. H. [Signature] COUNTY CLERK
J. H. [Signature] DEPUTY
FILED 11 34

File No.
 duplicate
 ~~ORIGINAL~~

T. 33N. R. 21E. Sec. 30

County

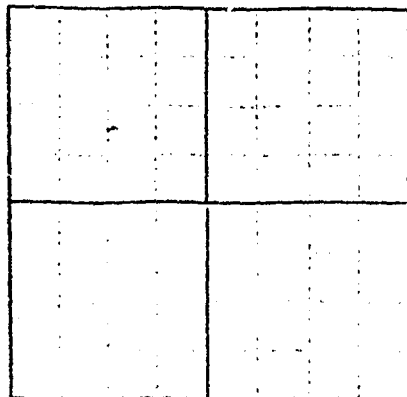
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Robert Buhman*, of *Box 74*, *Zurich*
(Name of Appropriator) (Address) (Town)
County of *Blaine* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1952, as follows:



Lots 5, 6, 7, 8 in Blk 6
1/4 Sec. T. 1st addition to
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres *Zurich*

2. The beneficial use on which the claim is based *home use*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *from the fall of 1956 till now.*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *from 10 to 15 gallon per minute.*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *not used for irrigation*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *jet pump located in home*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Fall of 1956*
8. The depth of water table *255 feet*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

Coring 87 feet 5 inch seamless
171 1/2 feet 4 1/2 inch S&S coring water level 7 feet

10. The estimated amount of groundwater withdrawn each year *for continual home use*
11. The log of formations encountered in the drilling of each well if available *0-45 sandy brown clay 46-50 sand gravel some water 50-60 sand 60-65 sand gravel 65-78 brown sand 78-92 blue sandstone 92-98 shaly sandstone 98-104 brown shale 104-177 rock layer 177-216 blue shale 216-219 rock layer 219-255 sandstone*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *None*

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21807

251956

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 27 DAY
OF December A. D. 1963
AT 4:00 O'CLOCK P. M.

Cora L. Musgrave
COUNTY CLERK

FEE 2⁰⁰

DEPUTY

File No.

STATE WATER CONSERVATION BOARD

T. 33N R. 31E Sec. 30

DUPLICATE

DEC 14 1966

County Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

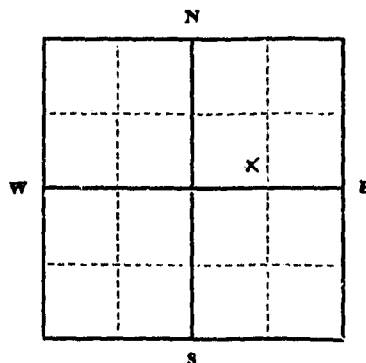
(Under Chapter 237, Montana Session Laws, 1961)

Owner Bill Pyle Address Quincy, MontDriller Leith W. Winton Address Quincy, MontDate of Notice of appropriation of groundwater 6-1-66Date well started 7-1-66 Date completed 7-6-66Type of well Churn Drilled Equipment used Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

	Top of Ground
10	brown shale
16	(Elev. above sea level)
20	quartzite
35	quartzite
73	soft shale
79	quartzite
85	soft shale
105	quartzite
125	shale
150	quartzite, sand grain
175	gray shale
185	green shale
215	gray shale
235	brown shale
250	gray shale
255	gray sandstone
290	brown shale - 3 gal. per minute
335	gray shale
340	gray shale
345	gray sandy shale
370	gray sandstone & water 10 gal. per min.
370	gray shale & bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7' X 56#	0	160	1/2"	215	284
5 1/2"	5 1/2' X 15#	153	370		345	370



1/4 Sec. T. R.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 0 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 370 feet

at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested tailerLength of Test 1 1/2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff)

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

41,438

259049

STATE OF MONTANA }
County of Blaine }

Filed for record this 12 Day

of December A. D. 1966

At 1:30 O'Clock P. M.

Baron L. Morgan

County Clerk

Cather Sheets

Deputy

Feb 00

GROUNDWATER INDEX

Page 1 of 1

County BARTON Twp. 33 NORTH Rge. 22 EAST

[illegible]

File No. _____

DUPLICATE

RECEIVED
SEP 11 1964

T.33 N. R.22 E.

County Blaine

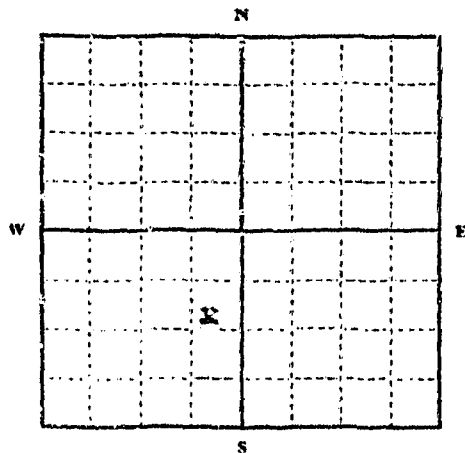
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
SEP 11 1964
STATE ENGINEER

1. Samuel Harvey, of Harlem
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 21 T.33 R.22

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1923; continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 3 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump located in SE 1/4 NE 1/4 of Section 21, Township 33 N., Range 22 E. M.H.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1923
8. The depth of water table 15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well on 1 1/2" pipe, operated by hand and by gasoline motor.
10. The estimated amount of groundwater withdrawn each year cant. make reasonable estimate
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Samuel Harvey

Date December 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21774

251898

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 26 DAY
OF December A. D. 1963
AT 10:05 O'CLOCK A. M.

Con L. Mangrove
COUNTY CLERK
Cather Sheet
DEPUTY

FEE 2⁰⁰

GW 2

File No. 246154

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harold Miller Address Harlem, Mont.Driller J. R. Billmeyer Address Hogeland, "

Date of Notice of Appropriation of Groundwater

Date well started 5-9-62 Date Completed 6-17-62Type of well Drilled Equipment Used Spudder
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" O.D.	0	110			
	17 lb.					
6"	5 1/2" O.D.	110	131	Cut with torch	110'-120'	115'-130'
	liner					
	24' long					

Static Water Level for non-flowing Well 14 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 100' feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 770.5Driller's Signature Ralph E. Whane

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

987

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 29 DAY

OF June A. D. 1962

AT 11:45 O'CLOCK A. M.

W. H. Brown
COUNTY CLERK

Franklin Brown
DEPUTY

PER W. H. Brown

GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 23 NORTH Rge. 23 EAST

[illegible]

GW3

File No.....

Sec3

T.33 R.23

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952

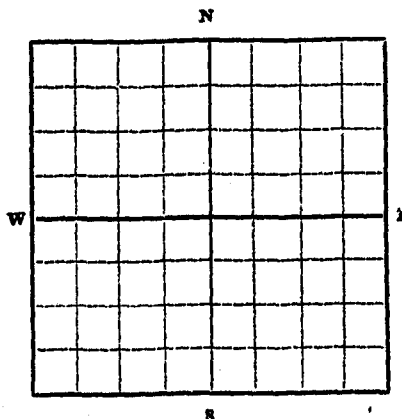
Owner Myron F. Pitch Address Harlem Mont.

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural Spring



..... 1/4..... Sec..... T..... R.....

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Used as Stock Water '8 mos. of year

Signature of Owner: Myron F. Pitch

Date Dec. 16-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

251877

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 23 DAY
OF December A. D. 1963
AT 1:45 O'CLOCK P M.
Cara L. Musgrave
COUNTY CLERK

FEB 20 DEPUTY

GW.

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—41338

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

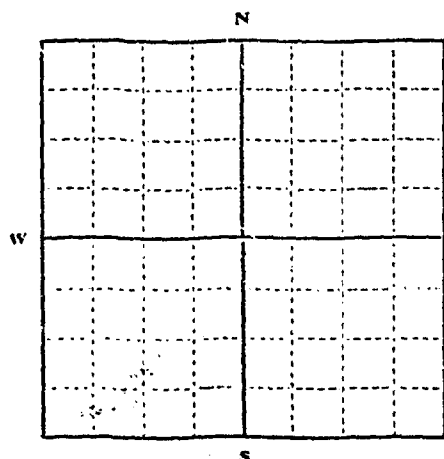
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. J. George Pitch & Alex Pitch, of Harlem
(Name of Appropriator) (Address) (Town)

County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Livestock
Water & Domestic Use

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1930-1936-Continuous

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 20 gals. per min. each well

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Electric
& Windmill Pumps. Sec. 29/34/23. Sec. 5/25/23
Sec. 21/36/23. Sec. 34/35/24. Sec. 25/32/23

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1930-1935-1936-1943-1944

8. The depth of water table 16 to 150ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 29/10ft. 5in. dia. windmill. Sec. 5/10ft. 4in. dia.
Elect. Pumps. Sec. 21/2 wells. 50ft. 5in. Elect. Pumps. Sec. 34. 80ft. 4in. dia. windmill
Sec. 25. 130ft. 5in. Elect. Pump

10. The estimated amount of groundwater withdrawn each year 1,500,000

11. The log of formations encountered in the drilling of each well if available Unavailable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner J. George Pitch

Date Dec. 10-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

251820

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 19 DAY
OF December A. D. 1963
AT 1:45 O'CLOCK P. M.

Lara L. Musgrave
COUNTY CLERK

20 DEPUTY
FEE 2.00

GW 2

File No.

DUPLICATE

T. 33-N. R. 23-E

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 17 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

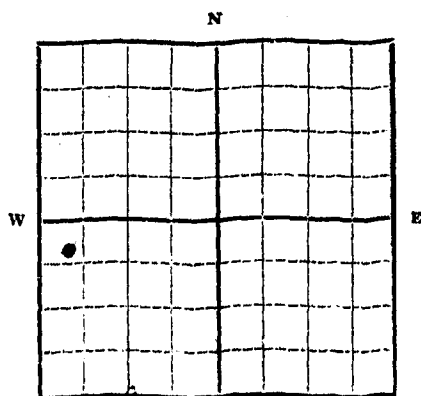
Owner Reedfield Colony Address Harlem MontDriller Billmeyer & Sons Address Hogeland

Date of Notice of Appropriation of Groundwater

Date well started June 20/64 Date Completed July 6/64Type of well drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" X 13"	TOP	BOTTOM	Cutting Torch	235	240



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 60 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 240 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 1 Hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

38296

Cara R. Magnuson
 Esther Sheet
 COUNTY CLERK
 DEPUTY
 FEB 21

FREE 215

GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 33 NORTH

Rge. 24 EAST

[illegible]

File No.

T 33 N., R. 24 E.

DUPLICATE

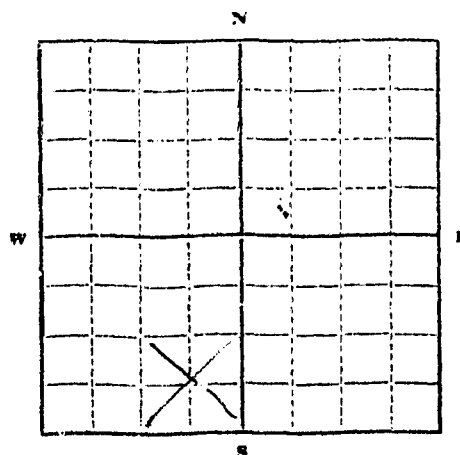
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 15 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Guy Riffin of Harlem
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 4 T. 33 R. 24

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based livestock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958, continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well, with automatic pump, located in SE 1/4 SW 1/4 of Section 4, Township 33 N., Range 24 E., M.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958, Exact date unknown
8. The depth of water table 18 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well dug to depth of app. 18 feet, serviced by automatic pump drawing from 1 1/2" pipe
10. The estimated amount of groundwater withdrawn each year 50,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Guy RiffinDate Aug 13, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

250154

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 14 DAY
OF Aug A.D. 1963
AT 10:56 O'CLOCK A.M.

Lois L. Mangrove
COUNTY CLERK

Erther Shasta
DEPUTY

PER 20

File No.

T. 33 N., R. 24 E.,

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

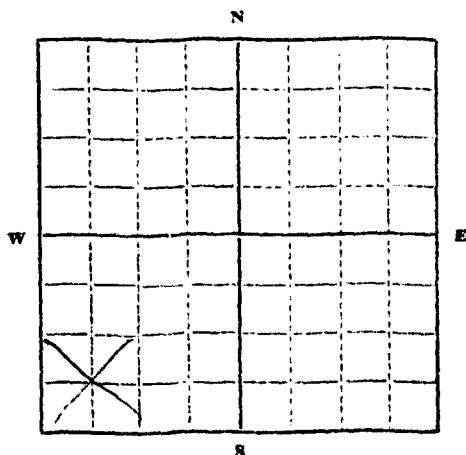
RECEIVED
AUG 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Guy Riggins, of Harlem
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 9, T. 33 N., R. 24 E.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. livestock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous since 1942 and before.
in use before undersigned acquired property in 1942.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 84 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. seven (7) wells,
each with pump, located in SW 1/4 of Section 9,
Township 33 North, Range 24 East, M.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1942-1943 and prior. Exact dates unknown.
8. The depth of water table. 30 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Wells dug to depths of 18 to 30 feet, serviced by
automatic pumps drawing from 1 1/2" pipe.
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons.
11. The log of formations encountered in the drilling of each well if available. not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Guy Riggins
Date Aug 13, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5409

250153

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 14 DAY
OF Aug A. D. 1903
AT 10:55 O'CLOCK A. M.

Corra L. Musgrave
COUNTY CLERK

Esther Shute
DEPUTY

FRK 700

File No.

T. 33 R. 24
Blaine

DUPLICATE

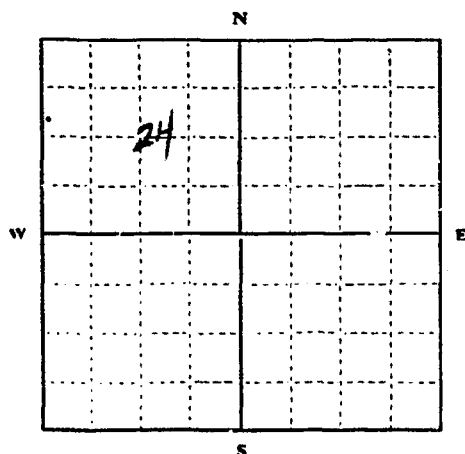
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George A. Amman, of Turner (Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. T. R. 24

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater use and household use. Garden Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1910 approximately continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons a minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden spot. George A. Amman. SW 1/4 of NW 1/4 Sec 24, T33 R24

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand dug well

Well located in SW 1/4 of NW 1/4 Sec 24, T33 R24

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown.

8. The depth of water table 65 ft

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater 18 inch bored hole approximately 65 ft deep.

10. The estimated amount of groundwater withdrawn each year Unknown.

11. The log of formations encountered in the drilling of each well if available None available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act including reference to book and page of any county record This well is temporarily out of order and not being used.

Signature of Owner George A. AmmanDate 12-3-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21924

252083

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 21 DAY
OF December A. D. 1963

AT 11:15 O'CLOCK A M.

Carl R. Maguire
COUNTY CLERK

Boyd Hunt
DEPUTY

FOR 20

GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 33 NORTH Rge. 25 EAST

[illegible]

File No.

T. 55 R. 25

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 29 1963Owner George A. Amman Address Turner, Montana.Contractor (if any) None

Address of Contractor

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Sub-irrigation of meadows. These

Have been used for a number of years Depth at water

6 to 7 ft. This water is also used for stock water in

in water holes in Savoy Creek. We open these water holes

with hoes when stock stop flow of water by tramping

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. We have no way to measure or estimate
how much water is used. Stock water used 8 months of the

Growing season and subirrigation in meadows during the

Growing season. Savoy creek runs through E $\frac{1}{2}$ of NE $\frac{1}{4}$ &

NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec 19 - W $\frac{1}{2}$ of E $\frac{1}{2}$ of Sec 20 - W $\frac{1}{2}$ of NE $\frac{1}{4}$ & E $\frac{1}{2}$ of NW $\frac{1}{4}$ Sec 21
W $\frac{1}{2}$ of NW $\frac{1}{4}$ of Sec 20 & SW $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec 17 & E $\frac{1}{2}$ of SE $\frac{1}{4}$ of Sec 9 All in T55 R 25

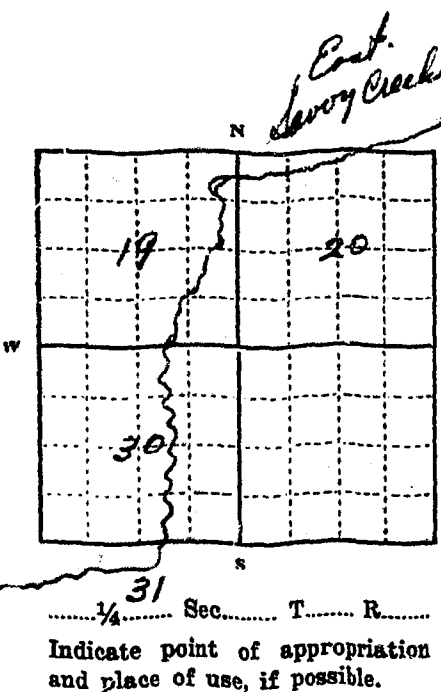
Signature of Owner George A. AmmanDate 12-31-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



252079

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 11:15 O'CLOCK A. M.

Charles H. Thompson
COUNTY CLERK
Arthur H. Smith
DEPUTY
PER 32

File No.

T. 33 R. 25

DUPLICATE

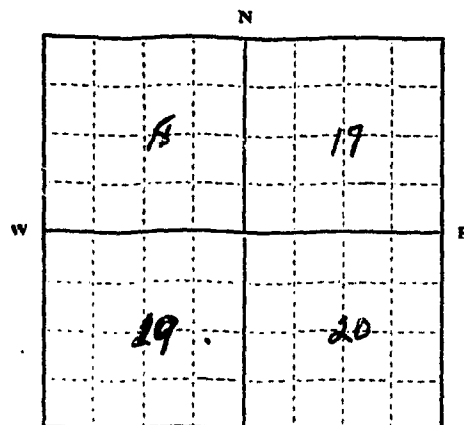
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George A. Ammon, of Turner
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Det. Signbyr's well
1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater use Household and garden irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 Gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Garden spot NW 1/4 of Sec 19 T33 R25
George A. Ammon
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 1/4" well dug. Farm pump and jack with engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
8. The depth of water table 8 ft approximately
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well about 5 ft dia. and 12 ft deep.
10. The estimated amount of groundwater withdrawn each year 30000 gallons.
11. The log of formations encountered in the drilling of each well if available Unknown.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
This is an old stockwater and household well dug in the homestead days and used since

Signature of Owner

Date

George A. Ammon
12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21921

257080

STATE OF MONTANA
County of Blaine.
FILED FOR RECORD THIS 31 DAY
OF December A. D. 19 63
AT 11:15 O'CLOCK P. M.
Cora L. Morgan
COUNTY CLERK
Cathleen Sheets
DEPUTY
FEB 2 1964

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 32 NORTH Rge. 17 EAST

[illegible]

File No.

T 32 R 17

DUPLICATE

County BLAINE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AUG 27 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner GEORGE JOHNSON JR. Address LANHAM, MONTANADriller WILSON DRILLING SERVICE Address HATRE, MONTANA

Date of Notice of Appropriation of Groundwater

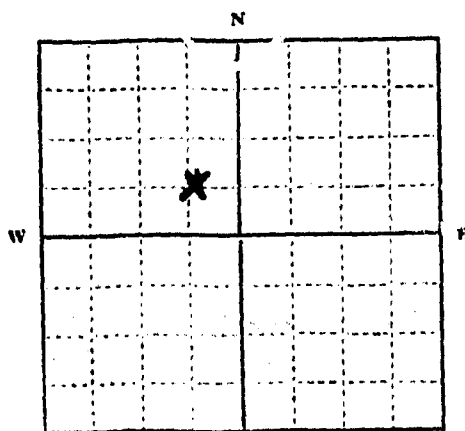
Date well started AUGUST 1963 Date Completed AUG. 24, 1963Type of well DRILLED Equipment Used CABLE TOOL RIG
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level.....)

0
18 SAND + SILTY
BROWN CLAY
24 QUICKSAND-WATER
38 BLUE CLAY (SOFT)
45 GREY CLAY (SOFT)
62 GREY CLAY + PEBBLES
70 BROWN SANDSTONE
+ BRACKISH ALKALINE WATER
76 LIGHT BROWN SHALE
80 GREY SHALE
82 HARD SANDSTONE SHELL
86 BLUE SHALE
94 GREY SANDSTONE-
BRACKISH ALKALINE WATER
97 BLUE SHALE
98 DARK BROWN SHALE
105 LIGHT BROWN SHALE
114 GREY SHALE
119 GREY SANDSTONE-
WATER - OVER 2 G.P.M.
120 BLUE SHALE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" I.O.	0	114	NO PERFORATIONS		
	13" PER FOOT					



SE 1/4, Sec. 1, T. 32, R. 17E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

WATER FROM 62-70 + 86-94 FOOT DEEPS HIGH IN IRON,
OVER 7 PPM. WITH HARDNESS OVER 100. BITTER TASTE.
PRESUMABLY HIGH IN EPSON + BLAUBER SALTS + ALKALI
WATER FROM 114-119 MILD SODA + IRON - HARDNESS OF 3 PPM.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

Static Water Level for non-flowing Well 6 feet.Shut-in Pressure for Flowing Well NOT APPLICABLEPumping Water Level 110 feet at 2 gal. per minute.Discharge in gal. per min. of flowing well NOT APPLICABLEHow Tested BALER Length of Test 2 HOURS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) CASING SET

ABOVE SANDSTONE AT 114 FEETAND CEMENTED TO SEAL OFF BADWATER. OPEN HOLE FROM 114 TO 120 FTDriller's License Number 46Driller's Signature Robert Arner

250211

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 26 DAY
OF Aug A. D. 1963
AT 4:30 O'CLOCK P. M.

Egon L. Magnus
COUNTY CLERK
Ester Sheets
DEPUTY

FEE

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 32 NORTH Rge. 18 EAST

[illegible]

T. 32 R. 18

County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

			X

Owner Operator, Thomas F. Burns, Address CHINOOK, MONTANA

Driller SMITHSON DRILLING COMPANY Address MESA MONTANA

Date Started 10/26/61 Date Completed 11/3/61

Location: Sec. 4 T. 32 R. 18 $\frac{1}{4}$ sec. NES. 4

Type of well DRILLED Equipment used C-111-1000
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 225 ft. Type SL Size 4

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations 3/16

Static Water level, for non-flowing well: 19 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at 150 gal. per min. 3

How tested: BAILED

Length of test 2 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	7	brown sand
7	12	brown clay
12	24	clay boulders and gravel
24	42	blue shale
42	47	rock layer
47	52	blue sandstone
52	56	rock layer
56	60	blue shale
60	66	brown shale
66	68	gray shale
68	82	brown shale
82	86	gray shale
86	91	brown shale
91	94	gray sandy shale
94	99½	rock layer
99½	103	dark gray shale
103	112	brown shale
112	124	sandy gray shale
124	129	blue shale
129	135	brown shale
135	142	gray shale
142	148	sandstone
148	156	brown shale
156	172	gray sandy shale
172	175	rock layer
175	184	brown sandstone
184	193	blue sandstone
193	196	blue shale
196	224	blue and brown layers of sandstone
224	225	rock layer
225		gray shale dark

File No.

T. 32 R. 18

DUPLICATE

County Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 9500)Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

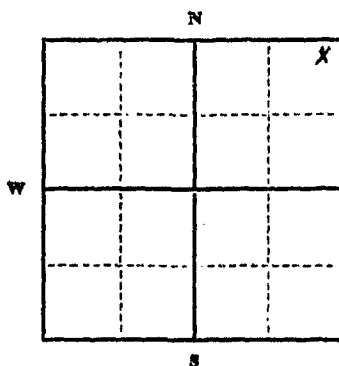
Owner Mark Haugen Address ChinookDriller same Address same

Date of Notice of appropriation of groundwater

Date well started 4-5-69 Date completed 4-15-1969Type of well chug Equipment used shovel
(Dug, Driven, bored or drilled) (Churn drill, rot or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>4'</u>	<u>4'</u>	<u>20</u>		<u>none</u>		

Static Water Level for non-flowing well 16' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 18' feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailLength of Test 4.0 min.Remarks: (Gravel packing, cementing, packers, type of shutoff) noneNE 1/4 NE Sec. 14 T. 32. R. 18
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

45.243

County.....**CLATSOP**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner EMILCE OETNER

Address CHENOOK MONTANA

Date well started ...NOV. 2 1972

completed nov. 5, 1972

Type of welldrilled

(Dug, driven, bored or drilled)

Equipment used cable tools

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

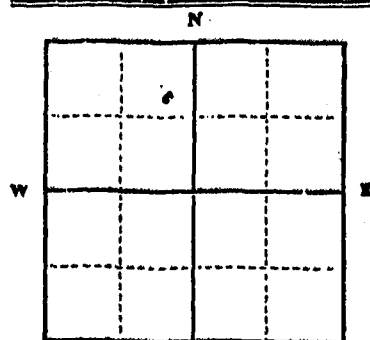
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
53/ 45 1/2	250	1' A. G.	34	3/16	24	34



Static water level: 1.1.....ft.*
Pumping water level 30.....ft.*
at 5.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by
forhours.

Power 115..... Pump 7/3 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

N.E. $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21
T. 32 N R. 18 E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature T. J. Jacobsen

Driller's Address: 1609 M ~~ADAMS~~ DRIVE, HILVER, MONTANA

LICENSE NO. 15

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	11	gravel and rock
11	24	brown clay
24	36	coal sandstone water

34

Show exact depth of bottom

52,778

271506

STATE OF MONTANA
County of Blaine

Filed for record this 29 Day
of March A. D. 1973
At 1:13 O'Clock P M.

County Clerk

Blaine Thompson
Deputy

Fee 2.00

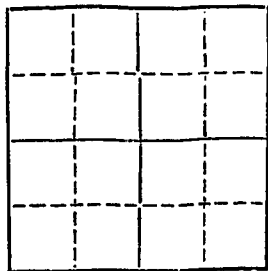
T. 32N R. 18E
County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 23 1959

WATER WELL LOG

STATE ENGINEER



Owner Charles Werk Address Chinook
Driller P. C. Simpson Address Melba
Date Started 23 Jan - 59 Date Completed 26 Jan
Location: Sec. 21 T. 32N R. 18E 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 15 ft. Type Steel Size 4 1/2" o. d.

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 36 to ft. 38 Ft. _____ to ft. _____

Type of screen or perforations Slot with acetylene teeth

Static Water level, for non-flowing well: 20- feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 40 feet at _____ gal. per min.

How tested: Bailer

Length of test 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	21	Clay. boulders.
21	23	Coal-
23	36	Gray shale.
36	38	Sandstone (29 p.m. water)
38	47	Gray shale.
47	52	Coal streaks - light brown shale.
52	60	Gray shale.

Doc. No. 234977

STATE OF MONTANA
County of Blaine
BEING FOR RECORD THIS
22nd DAY OF
JUNE 1910
AT CLARK
COUNTY, MONTANA
A.H. DORA
DEPUTY
None

ORIGINAL
Duplicate

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

32E 18
County Blaine 21

JAN 6 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL

(Under Chapter 237 Mont. Session Laws, 1961)

Date of Appropriation of Groundwater 1911

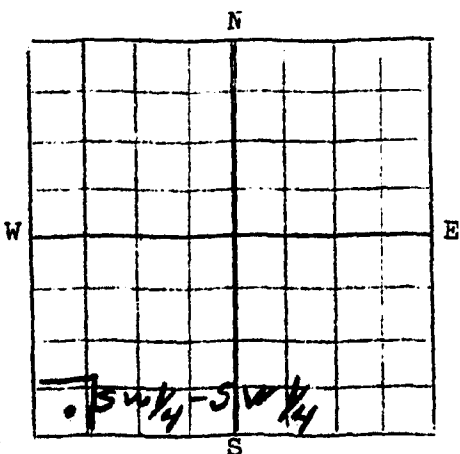
Owner John J. Lux Address Chinook, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater with ^{out} a well
"as by sub-irrigation and other natural processes".
Include depth to water when applicable _____



SW 1/4 Sec. 21 T. 32R 18

Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation
of method used to measure or estimate such amount. If
use is intermittent estimate approximate lengths of
periods of use _____

Natural Spring

Signature of Owner John J. Lux

Date 12/31/63

State of Montana
County of Blaine } ss.

John Lux having first been duly sworn, depose s
say s that he is of lawful age and is the appropriator
and claimant of the order and water right mentioned in the fore-
going notice of completion of groundwater appropriation without well and the person
whose name is subscribed thereto, as the appropriator and claimant
that he know s the contents of said foregoing notice and that the
matters and things therein stated are true.

John J. Lux

Subscribed and sworn to before me, this 31 day of December, 19 63

Notary Public for the State of Montana

21915

252074

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963

AT 8:30 O'CLOCK P. M.

Chas. L. Mearns
COUNTY CLERK

Esther Sheet
DEPUTY

FEB 27

File No.
DUPLICATE

T 22. N., R. 18. S., E. 4. N. M.: 23
26

County, Blaine

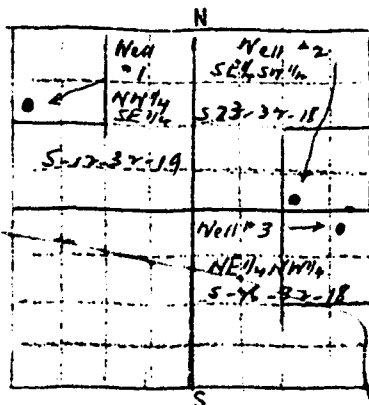
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

John J. Lux, of Chinook,
(Name of Appropriator) (Address) (Town)

County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1,
1952, as follows:



2. The beneficial use on which the claim is based.....
.....Stock Water.....

3. Date or approximate date of earliest beneficial use;
and how continuous the use has been..1911,.....
.....continuous use.....

4. The amount of groundwater claimed (in miner's inches
or gallons per minute) Well #1, cannot pump dry, ..
Well #2, 2 gal. per minute, Well #3, 2 gal. per
minute.

5. If used for irrigation, give the acreage and description
of the lands to which water has been applied and name
of the owner thereof.....

1/4 Sec. T. R.

indicate point of appropriation
and place of use, if possible.

Each small square represents 1/4
acres.

6. The means of withdrawing such water from the ground and
the location of each well or other means of withdrawal

NW 1/4 S. 12-22, Well #1, 2" lift pump, with electric motor, ..

SE 1/4 S. 23-22-18 Well #2, 1 1/2" 14 ft. pump, with windmill: ..

NE 1/4 S. 26-22-18 Well #3 1 1/2" rotary pump, with electric motor.

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater From 1911 to 1955, ..

8. The depth of water table Well #1, 11 ft. Well #2, 150 ft. Well #3, 10 ft. ..

9. So far as it may be available, the type, size and depth of each well or the general
specifications of any other works for the withdrawal of groundwater.....

Well #1, Drilled, 6" steel casing, 42 ft.

Well #2, Drilled, 6" steel casing, 150 ft.

Well #3, Aug., rock augers, 18 ft.

10. The estimated amount of groundwater withdrawn each year Well #1, 100,000 gal.

Well #2, 50,000 gal. Well #3, 10,000 gal.

11. The log of formation encountered in the drilling of each well if available.....

12. Such other information of a similar nature as may be useful in carrying out the policy
of this act, including reference to book and page of any county record.....

Signature of Owner John J. Lux

STATE OF MONTANA) ss.
County of Blaine)

Date Dec. 31, 1963

John J. Lux, having first been duly sworn, depose and say
that he, of lawful age and is the appropriator and claimant of the
order and water right mentioned in the foregoing declaration of vested groundwater
rights and the person whose name is subscribed thereto, as the appropriator and
claimant, that he knows the contents of said foregoing notice and that the
matters and things therein stated are true.

21914

252073
252073

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY

OF December A. D. 1963

AT 25 O'CLOCK P. M.

Cora L. McGuire
COUNTY CLERK

Cather Shurt
DEPUTY

PER 2

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

25

File No.

T. 32 R 18

DUPLICATE

County Blaine

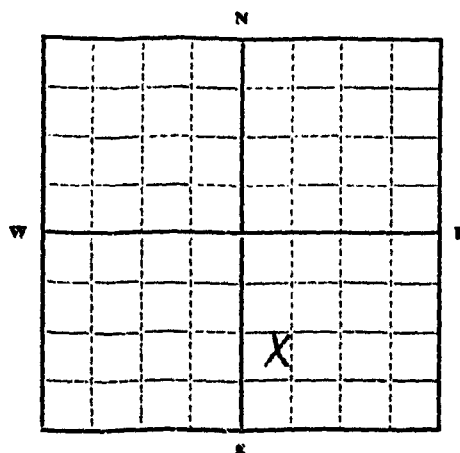
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 24 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marie Jess Rankin of Chinook
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ SE Sec. 25 T3 R18

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1948

not used since 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....4 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Gasoline Engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....Winter of 1948 - Water level 140'

8. The depth of water table.....Well is 160' deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....4" casing - steel -

10. The estimated amount of groundwater withdrawn each year.....approx 5000 gal

11. The log of formations encountered in the drilling of each well if available.....sand clay some rock

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Marie Jess Rankin

Date July 23, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5138

STATE OF MONTANA
County of Blaine

249929

FILED FOR RECORD THIS 23 DAY

OF July A. D. 1962

AT 2:35 O'CLOCK P. M.

Copie L. Morrison
COUNTY CLERK

6 other sheets

2

RECEIVED

File No.

T. 35 R. 18

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

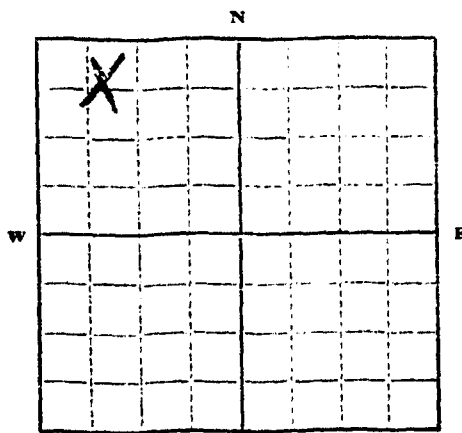
RECEIVED
JUL 22 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clarence Finch, of Chinook
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 35 T. 32 R. 18

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1920 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
4 to 5 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
NO
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1920 approx
8. The depth of water table.....
14'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Rock Wall - sand stone
10. The estimated amount of groundwater withdrawn each year.....
50,000 - Water
about 50 head stock thro' winter.
11. The log of formations encountered in the drilling of each well if available.....
Clay, sand at bottom
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Clarence FinchDate July 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5108

249903

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 17 DAY
OF July A. D. 1963
AT 10:00 O'CLOCK P. M.
Cora R. Magnuson
COUNTY CLERK
Esther Hunt
DEPUTY
200

GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 32 NORTH Rge. 14 EAST

[illegible]

File No. _____

T. 32 R. 19

DUPLICATE

County BLAINE

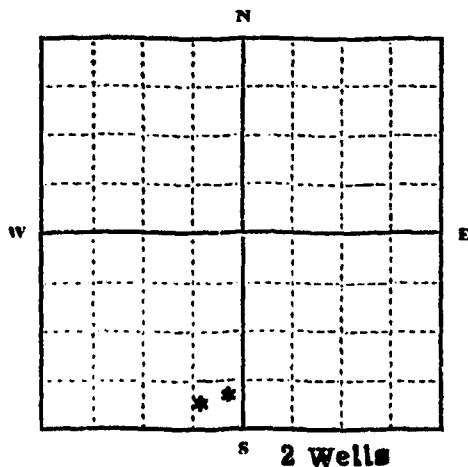
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mike H. Benbo and Grace S. Benbo, of P. O. Box 265, Chinook
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1 T. 32 R. 19

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stock and Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100,000 gal. per year.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden and trees.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pressure Pump for house.
Jet Pump for stock.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 35 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Both wells 42 ft. deep and cased with 8" casing.
10. The estimated amount of groundwater withdrawn each year 100,000 gal.
11. The log of formations encountered in the drilling of each well if available Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None.

Signature of Owner

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

21982

252145

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 4:55 O'CLOCK P. M.
Cara L. Mesgrove
COUNTY CLERK
Esther Sheeta
DEPUTY
PER 2 -

GW 2

File No.

246420

DUPLICATE

STATE ENGINEER

T. 32 N R. 19 E

County

Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

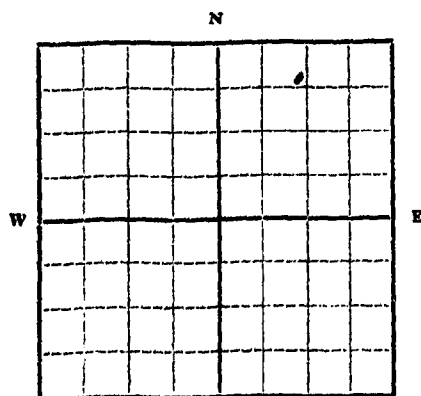
Owner Merith Gilmore Address Chinook, MontanaDriller Simpson Drilling Co. Address Montana

Date of Notice of Appropriation of Groundwater

Date well started 7/22/62 Date Completed 8/28/62Type of well Drilled Equipment Used Table Tools
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	7" 25lbs	0	105			
7"	6" 15lbs	98	217	3/16	158	163
					186	195
					205	217

246420 Sec. 32-19
T. 32 N R. 19 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 85 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 150 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Ballor Length of Test 2 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

15

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1906

246420

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS

July 21 DAY
A. D. 1962

OF

AT 2.20 O'CLOCK P. M.

a. H. Dean
COUNTY CLERK
James
DEPUTY

SEE

246420

ORIGINAL
Duplicate

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County

32-17 1

JAN 6 1964

24
7V
10V

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL

(Under Chapter 237 Mont. Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner H.A. Marsh Address Chinook

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater with ^{out} a well
"as by sub-irrigation and other natural processes".
Include depth to water when applicable _____

natural spring

Quantity of water developed and used with explanation
of method used to measure or estimate such amount. If
use is intermittent estimate approximate lengths of
periods of use _____

Continuous use

Signature of Owner H.A. Marsh

Date _____

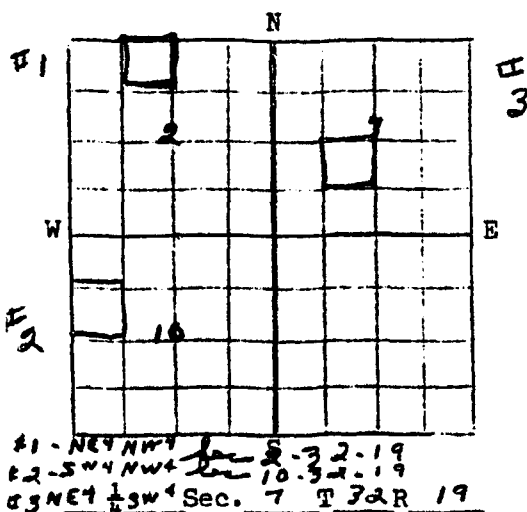
State of Montana } ss.
County of _____

_____ having first been duly sworn, depose
say _____ that _____ he _____ of lawful age and _____ the appropriator
_____ and claimant _____ of the order and water right mentioned in the fore-
going notice of completion of groundwater appropriation without well and the person _____
whose name _____ subscribed thereto, as the appropriator _____ and claimant _____
that _____ he _____ know _____ the contents of said foregoing notice and that the
matters and things therein stated are true.

Subscribed and sworn to before me, this _____ day of _____, 19 _____

Notary Public for the State of Montana

21961



Indicate point of appropriation
and place of use, if possible.

252122

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY

OF Dec A. D. 1963

AT 2:50 O'CLOCK P M.

Lara L. Mueggen
COUNTY CLERK

FEE 2.00

DEPUTY

File No.
DUPLICATE

T. 32. 19

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

H. A. Marsh by Wayne Knight

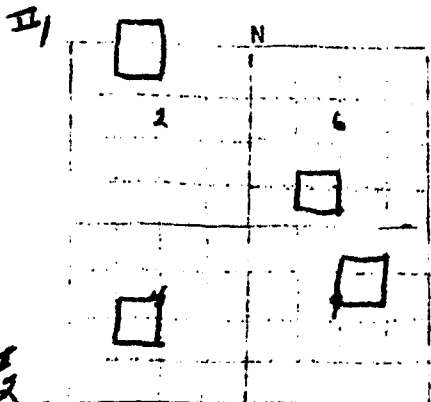
Chinook

(Name of Appropriator)

(Address)

(Town)

County of State of
have appropriated groundwater according to the Montana laws in effect prior to Jan. 1,
1962, as follows:



1 2
21 NE 1/4 NW 1/4 Sec 2-32-19
22 NE 1/4 NW 1/4 Sec 4-32-19
23 SE 1/4 NW 1/4 Sec 6-32-19
24 SE 1/4 NW 1/4 Sec 8-32-19

Indicate point of appropriation
place of use, if possible.
Each small square represents 36
acres.

2. The beneficial use on which the claim is based.....
.....

3. Date or approximate date of earliest beneficial use;
and how continuous the use has been.....
.....
.....

4. The amount of groundwater claimed (in miner's inches
or gallons per minute).....
.....

5. If used for irrigation, give the acreage and descriptive
of the lands to which water has been applied and name
of the owner thereof.....
.....
.....

6. The means of withdrawing such water from the ground and
the location of each well or other means of withdrawal
.....
.....
.....

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater.....
.....

8. The depth of water table.....
.....

9. So far as it may be available, the type, size and depth of each well or the general
specifications of any other works for the withdrawal of groundwater.....
.....
.....

10. The estimated amount of groundwater withdrawn each year.....
.....

11. The log of formation encountered in the drilling of each well if available.....
.....
.....

12. Such other information of a similar nature as may be useful in carrying out the policy
of this act, including reference to book and page of any county record.....
.....
.....

Signature of Owner.....

STATE OF MONTANA) ss.
County of

Date.....

..... having first been duly sworn, depose... and say
that ..he... of lawful age and..... the appropriator... and claimant... of the
order and water right mentioned in the foregoing declaration of vested groundwater
rights and the person... whose name... subscribed thereto, as the appropriator... and
claimant..., that ..he... know... the contents of said foregoing notice and that the
matters and things therein stated are true.

21962

252123

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 2151 O'CLOCK P M.

Cara L. Musgrave
COUNTY CLERK

FEB 200

DEPUTY

Duplicate

RECEIVED
JAN 11 1964

32 19 4

STATE ENGINEER
ADMINISTRATION OF MINES AND GEOLOGY
OFFICE OF STATE ENGINEER

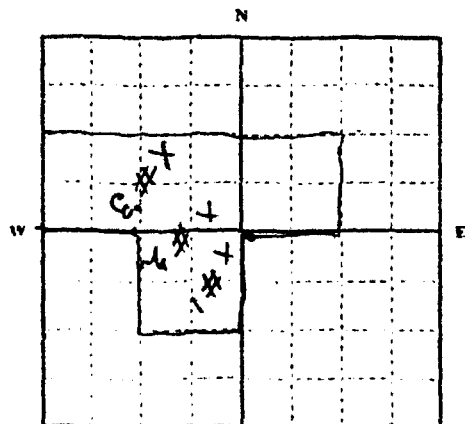
RECEIVED
JAN 6 1964

ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward or Hazel H. Magda, Box 233 Chinook
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 4 (72774)
52774 Sec 4 T. 32 R. 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water and house use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous with present owner.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 9 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Has not been used for Irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wells no. 1 and no. 2 are by hand pump with electric motors. Well no. 3 is still not fully developed.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Wells no. 1 and no. 2 were dug and lined up by prior owner, so no information available. Well no. 3 is under development.
8. The depth of water table Wells no. 1 and no. 2 at about 30 ft. Well no. 3 at about 40 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Wells no. 1 and no. 2 are hand dug to about 30 ft. and are 4 ft. across. Well no. 2 is brick lined. Well no. 1 is natural soil. Wells both are pumped by hand pump with electric motors, well no. 3 is still under construction.
10. The estimated amount of groundwater withdrawn each year Have No Estimate
11. The log of formations encountered in the drilling of each well if available.
Sand, Limestone, and Gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Have none available.

Signature of Owner

Edward Magda
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21876

252033

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 3 DAY
OF December A. D. 1963
AT 2:53 O'CLOCK P M.

Carl L. Magnus
COUNTY CLERK

Esther Sheets
DEPUTY

FEES 2.00